

Preliminary Assessment  
'3012' Summary  
Case #534.918

Branch Metal Processing Company  
600 St. Cyr Road  
St. Louis, Missouri 63137

Site:	Certain-Teed
ID #:	MO 980631162
Break:	1.5
Other:	
SEP 17 1984	



owned by

160

P. G. Investments  
Phillip Kootman, President  
Gerald Kootman, Executive Vice President  
620 St. Cyr Road  
St. Louis, Missouri 63137  
(314) 867-7500

Site:	Certain-Teed
ID #:	MO 980631162
Break:	1.5
Other:	
SEP 17 1984	

I. INVESTIGATOR: Kerwin Singleton  
Environmental Specialist  
Waste Management Unit  
St. Louis Regional Office  
Missouri Department of Natural Resources

SUPERFUND

II. DATE INVESTIGATION INITIATED: August 24, 1984  
DATE INVESTIGATION COMPLETED: August 28, 1984

SEP 17 1984

SITE LOG

III. FILE SUMMARY OF SITE HISTORY:

Branch Metal Processing Company, owned by P.G. Investments, acquired the site in September 1981, from Certain-Teed Corporation, which ceased its asbestos-cement pipe manufacturing on May 11, 1979. Certain-Teed and its neighbor, GAF Corporation, previously used the land between their plants as an open dump for scrap asbestos and settled solids from process wastewater solids in December 1975, and began recycling the solids through the process stream. The disposal of scrap asbestos ceased in 1979 with the termination of manufacturing operations.

In February 1979, Reitz & Jens, the consulting engineers for both companies, began preparation of closure plans and Certain-Teed and GAF in order to minimize adverse environmental impact and comply with the Missouri Solid Waste Management Law.

Subsequent plans approved by the Missouri Department of Natural Resources (MDNR) included: reworking the material to an acceptable slope ( 2% on top, 3H:1V on perimeter slopes), applying an earth cover of at least 12 inches, seeding the site to establish a good vegetative growth and constructing a rock blanket on the creek slope to prevent erosion.

A site inspection conducted by the Department on May 13, 1980 confirmed that the site was in basic conformance with the approved plans and specifications. At that time it was known that broken asbeston-containing pipe remained scattered along the undisturbed creek bank upstream of the rip-rap work area (NW corner). Due to the wooded nature of the bank, there appeared to be no threat of asbestos run-off or airborne emissions.

In January 1982, the discarded asbestos material became visible along the bank after the Metropolitan Sewer District (MSD) conducted a tree/brush

clearing project for future creek channelization. This made the material subject to sloughing off with stream flow fluctuations. The Department recommended that any removal/stabilization work be coordinated with MSD.

In May 1982, MSD proposed a cleanup of the creek bank which the Department approved with the condition that the waste be disposed of at an approved sanitary landfill. The cleanup of the creek slope began in August 1982, and Zykan Brothers, Inc. hauled several loads of scrap asbestos to West Lake Sanitary Landfill. As of this date, however, there is still approximately 1,000 square feet area with scrap asbestos pipe visible along the upper reaches of the creek bank.

#### PHYSICAL CHARACTERISTICS

As mentioned above, there is solid asbestos-containing cement pipe scrap scattered along the creek bank. The only adverse health effect potential would be that of prolonged inhalation and accumulation of "Friable" (easily crumbled) material in the lungs of persons frequenting the area. The scrap pipe, however, has been determined to be non-friable.

#### MIGRATION POTENTIAL

Because of the tree/brush clearing along the creek bank, the pipe scrap may be carried from the bank during high water. Depending upon the size of the fragments, a strong current would wash the pieces downstream into the Mississippi River. There are no known wells in the area. All drinking water in the vicinity is supplied by the City of St. Louis - Chain of Rocks WTP upstream of the site on the Mississippi River.

#### LAND USE AROUND THE SITE

The site is situated in the corporate limits of Riverview and Bellefontaine Neighbors with its entrance on a medium use county road. The disposal area is located at the NW corner of the Branch Metal property. Approximately 150-200 people in a residential area beginning 130 feet west of the site and the residents of a nursing home 350 feet northwest of the site could theoretically be exposed to asbestos particles if the material becomes friable, which is considered unlikely.

#### IV. CONCLUSION AND RECOMMENDATION:

Missouri Department of Natural Resources - St. Louis Regional Office maintains a complete file on this site, formerly known as the GAF - Certain-Teed asbestos waste pile project. The majority of the site has been stabilized relative to surface considerations and environmental pathways of concern, with the exception of the site's northwest corner bordering the Maline Creek channel as described herein.

The minor uncontrolled portion of the site does not pose a significant degree of hazard to the public health or environment in the judgement of the investigator. No further action by the agency appears warranted at this time.

#### V. LIST OF REPORT APPENDICES:

- 1) EPA preliminary assessment form
- 2) Site locator map

VI. SIGNATURES:

PREPARED BY:

  
\_\_\_\_\_

Kerwin Singleton  
Environmental Specialist  
St. Louis Regional Office  
Missouri Department of Natural Resources

9/7/84  
\_\_\_\_\_ Date

APPROVED BY:

  
\_\_\_\_\_

F. Donald Maddox  
Regional Administrator  
St. Louis Regional Office  
Missouri Department of Natural Resources

9/7/84  
\_\_\_\_\_ Date

FDM/KS/bkl



# Potential Hazardous Waste Site

## Preliminary Assessment

ABANDONED/UNCONTROLLED HAZARDOUS WASTE SITE INVESTIGATION

Preliminary Assessment  
'3012' Summary  
Case #534.918

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owned by

P. G. Investments  
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SITE LOG



**POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
MO	5000000139

**II. SITE NAME AND LOCATION**

01 SITE NAME (Legal name or descriptive name of site) Branch Metal Processing Company		02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER 600 St. Cyr Road			
03 CITY St. Louis	04 STATE MO	05 ZIP CODE 63137	06 COUNTY St. Louis	07 COUNTY CODE 189	08 CONG DIST 1
09 COORDINATES LATITUDE 38° 44' 03"		LONGITUDE 90° 13' 12"			

10 DIRECTIONS TO SITE (starting from nearest public road)  
approximately 1/3 mile east on St. Cyr Road, from Bellefontaine Road in Bellefontaine Neighbors

**III. RESPONSIBLE PARTIES**

01 OWNER (if owner) P. G. Investments		02 STREET (Business mailing requirement) 620 St. Cyr Road			
03 CITY St. Louis	04 STATE MO	05 ZIP CODE 63137	06 TELEPHONE NUMBER (314) 867-7500		
07 OPERATOR (if owner and operator) Branch Metal Processing		08 STREET (Business mailing requirement)			
09 CITY "as above"	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ( )		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A PRIVATE <input type="checkbox"/> B FEDERAL <input type="checkbox"/> C STATE <input type="checkbox"/> D COUNTY <input checked="" type="checkbox"/> E MUNICIPAL <input type="checkbox"/> F OTHER <input type="checkbox"/> G UNKNOWN					

14 OWNER OPERATOR NOTIFICATION ON FILE (Name of file)  
 A RCRA 3001 DATE RECEIVED \_\_\_\_\_  B UNCONTROLLED WASTE SITE (EPA 103) DATE RECEIVED 6 / 11 / 81  C NONE

**IV. CHARACTERIZATION OF POTENTIAL HAZARD**

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE ____/____/____		BY (Name of inspector) <input type="checkbox"/> A EPA <input type="checkbox"/> B EPA CONTRACTOR <input checked="" type="checkbox"/> C STATE <input type="checkbox"/> D OTHER CONTRACTOR			
<input type="checkbox"/> NO see MDNR-SLRO file for previous inspection history		<input type="checkbox"/> E LOCAL HEALTH OFFICIAL <input type="checkbox"/> F OTHER _____			
02 STATUS <input type="checkbox"/> A ACTIVE <input checked="" type="checkbox"/> B INACTIVE <input type="checkbox"/> C UNKNOWN		03 YEAR(S) OPERATED IN 1935    1979 <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT KNOWN OR ALLEGED  
Asbestos-containing concrete pipe scrap

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND OR POPULATION  
possible chronic health effects through inhalation if material becomes friable (easily crumbled)

**V. PRIORITY ASSESSMENT**

01 PRIORITY FOR INSPECTION (Check one) (High or medium is checked - complete Part 2 - Waste information and Part 3 - Description of Hazardous Conditions and the owner)  
 A HIGH     B MEDIUM     C LOW     D NONE

**VI. INFORMATION AVAILABLE FROM**

01 CONTACT Gerald Kootman	02 OF (Agency or Organization) P. G. Investments	03 TELEPHONE NUMBER (314) 867-7500
04 PERSON RESPONSIBLE FOR ASSESSMENT Kerwin Singleton	05 AGENCY MDNR	06 ORGANIZATION SLRO
	07 TELEPHONE NUMBER (314) 849-1313	08 DATE 8 / 27 / 84 MONTH DAY YEAR

SUPERFUND  
SEE  
DATE





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01  A. GROUNDWATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  B. SURFACE WATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  C. CONTAMINATION OF AIR  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  D. FIRE/EXPLOSIVE CONDITIONS  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  E. DIRECT CONTACT  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  F. CONTAMINATION OF SOIL  
03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_  
(Acres)

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  G. DRINKING WATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  H. WORKER EXPOSURE/INJURY  
03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

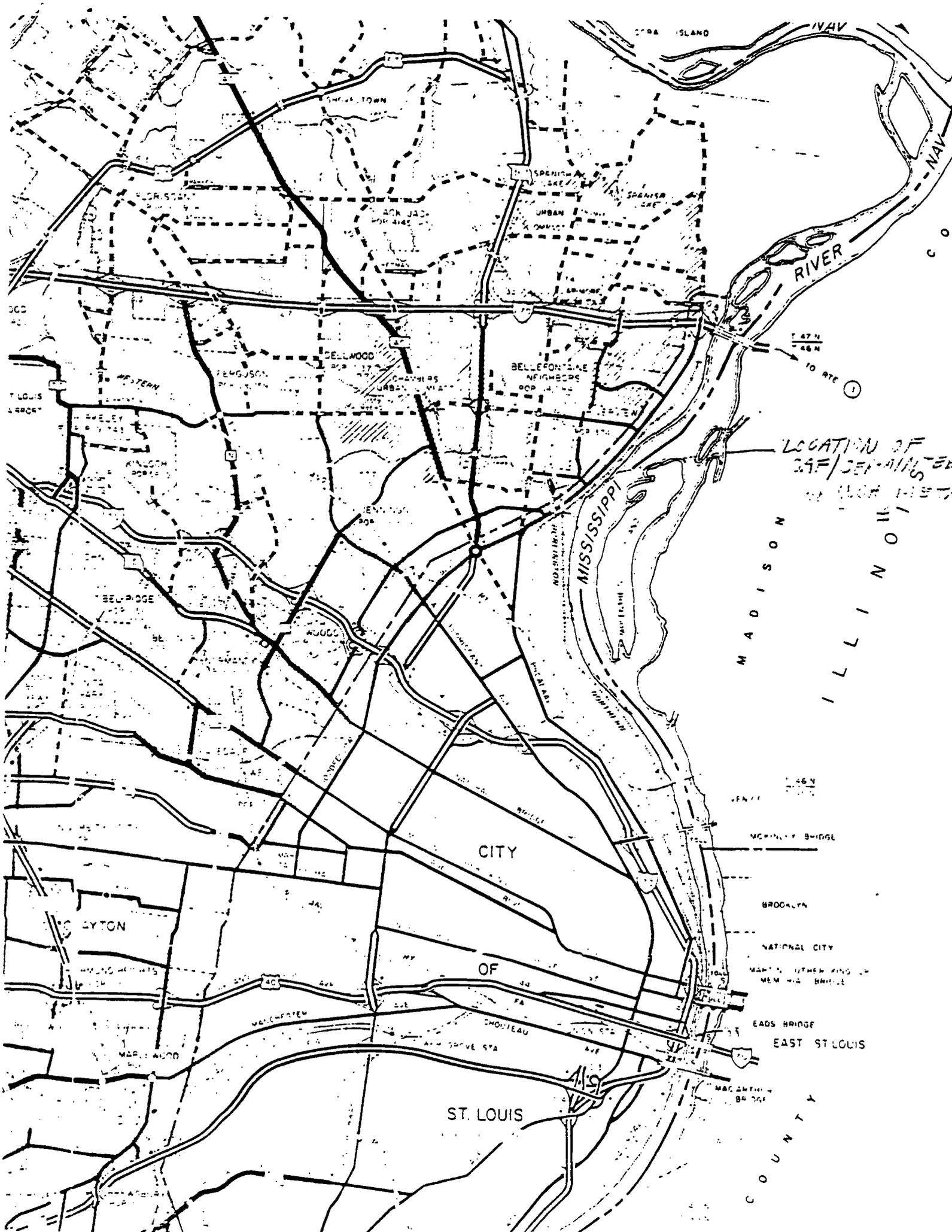
02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED

01  I. POPULATION EXPOSURE/INJURY  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02  OBSERVED (DATE: \_\_\_\_\_ )  
04 NARRATIVE DESCRIPTION

POTENTIAL     ALLEGED



LOCATION OF SAF/SEPARATED  
BY MAP 1165

TO RTE 1

CITY

OF

ST. LOUIS

MADISON  
ILLINOIS

MURPHY BRIDGE

BROOKLYN

NATIONAL CITY

MARTIN OTHER KIND OF MEMPHIS BRIDGE

EADS BRIDGE

EAST ST. LOUIS

COUNTY

